

The Innovation & Collaboration Centre (ICC) is the University of South Australia's startup incubator.

The ICC engages with the community through the delivery of community events, workshops and programs which draw on the research and professional expertise of UniSA and our partners, to support the generation of new startups and the growth of existing companies.

The ICC is headquartered in Adelaide and has a regional centre in Whyalla, South Australia.

icc.unisa.edu.au

VENTURE CATALYST SPACE

In 2021, Satsearch was one of 10 startup companies chosen to participate in the third cohort of the country's first space incubator program delivered by the ICC, Venture Catalyst Space.

FURTHER INFORMATION

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The global marketplace for space



BENEFITS

- Helping engineers conduct trade studies, cost analysis, and obtain all the information needed from global suppliers for cutting-edge space missions
- Helping suppliers digitally showcase their products and services to global customers in the space industry.

TECHNOLOGY

Satsearch makes technical and procurement relevant information seamlessly available through an open, global, online marketplace that enables engineers to initiate and track procurement through a dedicated Request for Information (RFI)/Request for Quotation (RFQ)/Request for Proposal (RFP) system.

Satsearch is focussed on developing technology that establishes a true marketplace in the space industry, enabling buyers to rapidly narrow down products and services that meet their requirements and subsequently initiate transactions by filing RFIs, RFQs, and RFPs. To enable this, the team is developing advanced approaches to modelling the underlying supply chain information within their platform. By leveraging expertise in Model Based Systems Engineering (MBSE), they are building data models enabling engineers to interact with products and services without having to spend hours manually searching through lengthy PDF datasheets and interface documents.

The entire procurement process from identification of suppliers to making a purchase can set back space missions by at least three to four months. Satsearch is helping to solve this problem by automating this process, saving both time and money.



Kartik Kumar
Chief Executive Officer



Dr. Alberto Vaccarella
Chief Technology Officer



Dr. Narayan Prasad Nagendra
Chief Operating Officer



Hywel Curtis
Head of Marketing



satsearch.com



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BACKGROUND

Satsearch is building the global marketplace for the space industry, helping engineers source products & services from global suppliers for ground, launch, and space applications. The commercial space sector is growing rapidly and satsearch is enabling buyers and suppliers across the world to find each other and transact seamlessly. Satsearch was founded by a group of friends at a 2015 hackathon in Bremen and they successfully completed the European Space Agency's business incubation program in 2020. The company is headquartered in the Netherlands, and is fully remote with the team located all over the world.

POTENTIAL MARKETS

Satsearch currently works with more than 3000 suppliers and has customers from over 20 countries. They believe that there are 100,000 suppliers relevant for the space industry and intend to bring them on the marketplace.

IP STATUS

The marketplace has been functional for the past five years and has grown significantly with users from 100+ countries leveraging satsearch on a monthly basis. Satsearch is developing advanced approaches to modelling the underlying supply chain information of the space industry within the platform.

PARTNERING OPPORTUNITIES

Satsearch is creating a data integration ecosystem around the database that will help engineers discover products/services through tools that they use for the design and operation of space missions.

For example, the NASA Small Satellite Information Search engine now leverages the satsearch database to provide results to engineers: <https://s3vi.ndc.nasa.gov>.

There are partnership opportunities for any software-based product/service providers to leverage the supply chain/component data based on satsearch. This includes concurrent design, simulation, procurement, tools etc.